

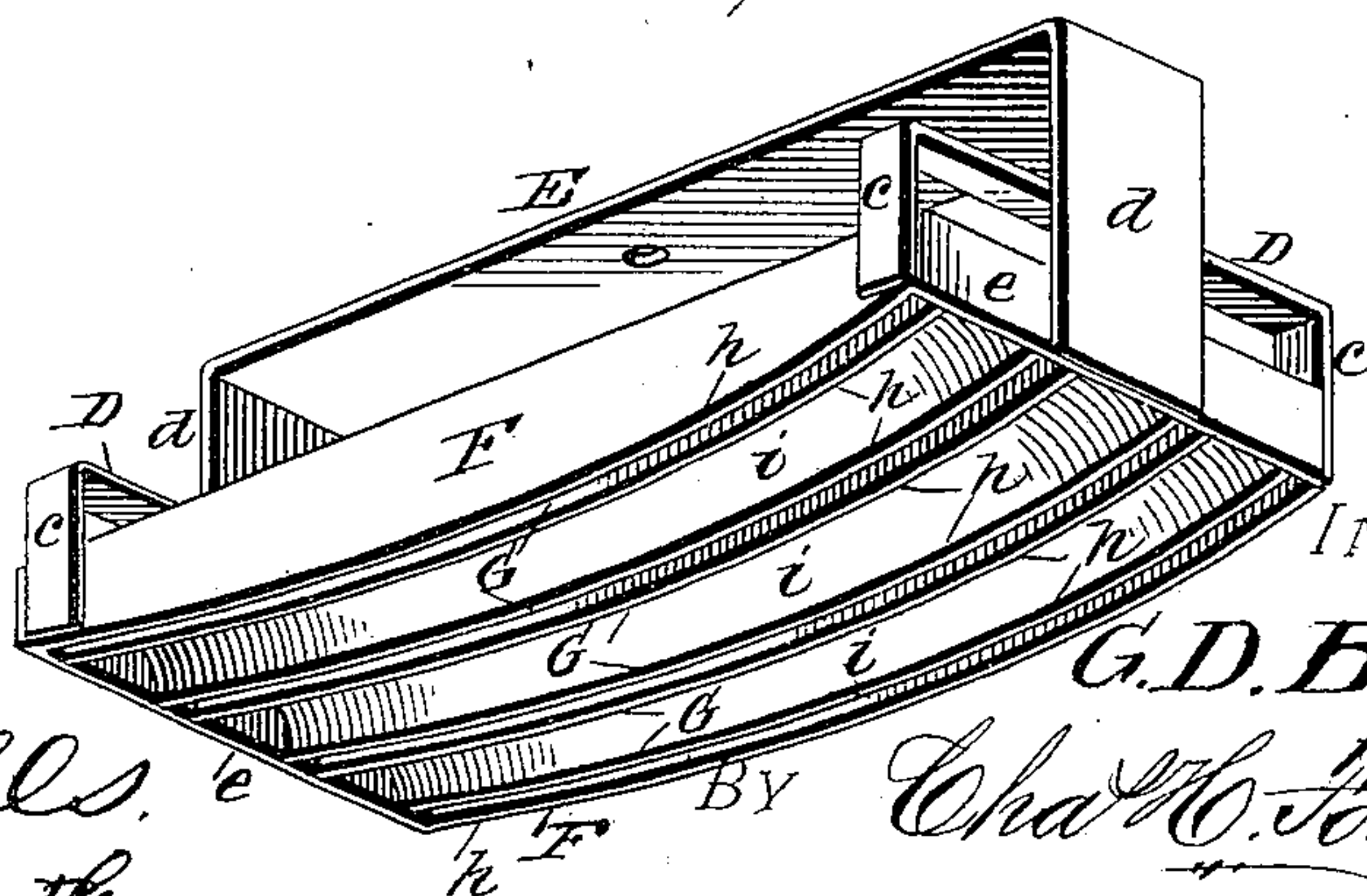
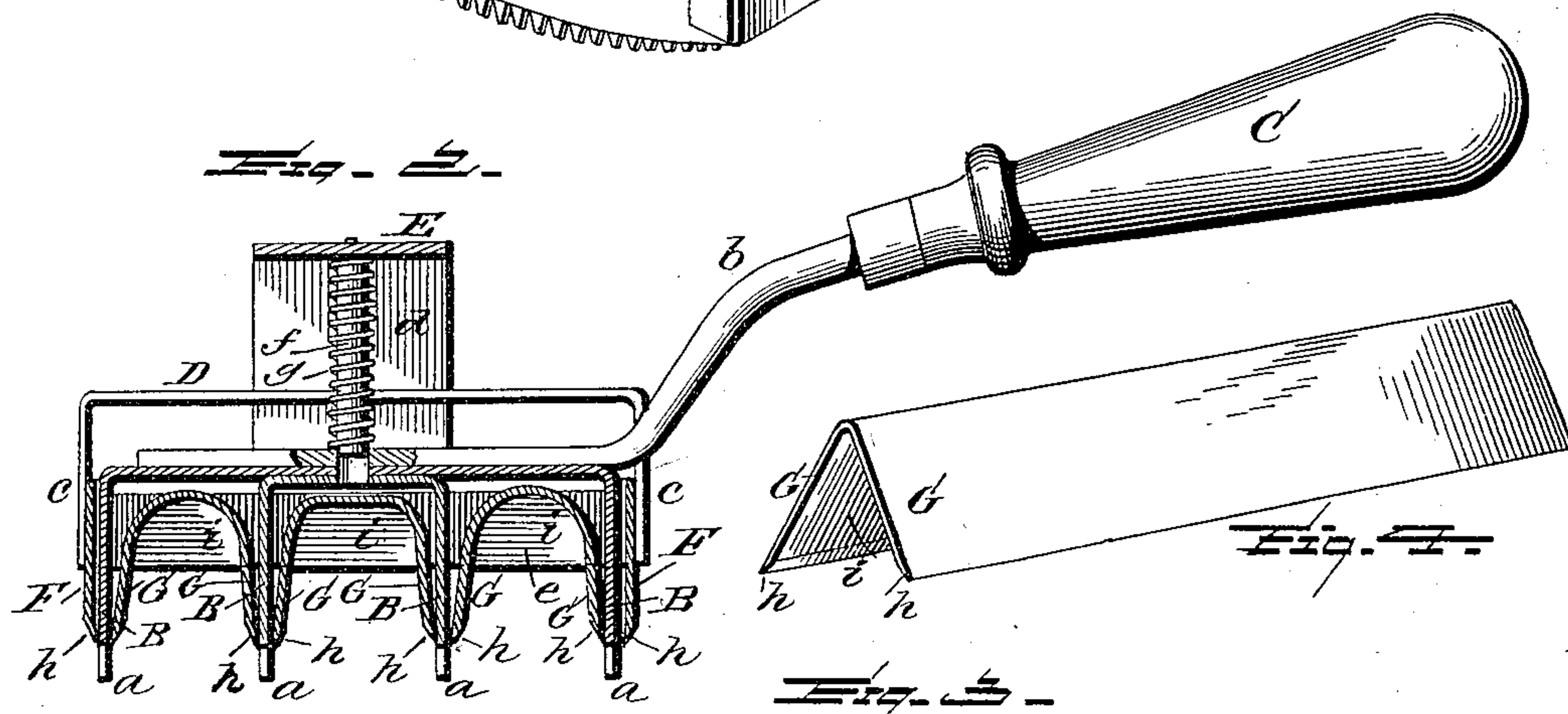
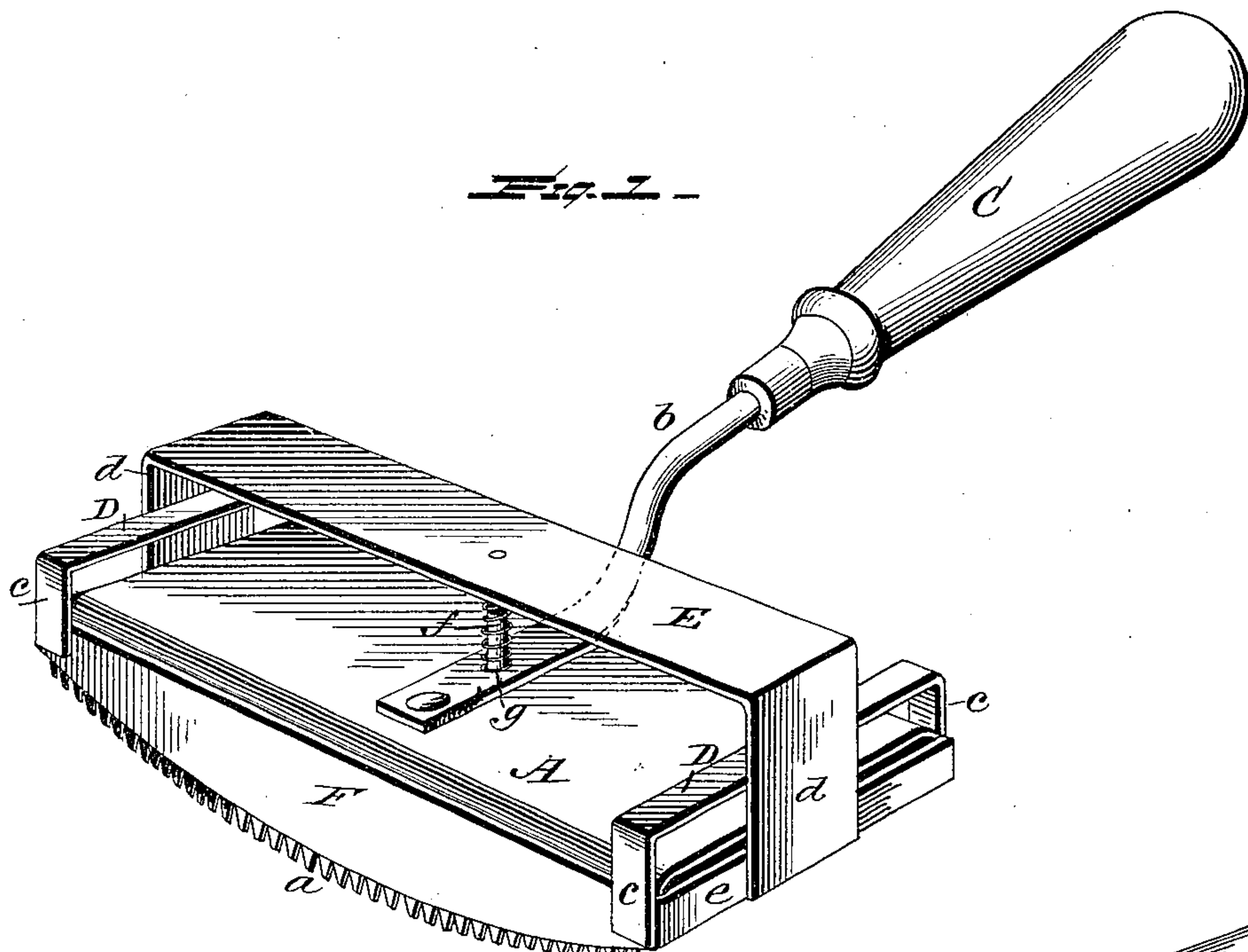
No. 654,218.

**Patented July 24, 1900.**

G. D. BELDIN.  
CURRYCOMB.

(Application filed Apr. 21, 1900.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

GEORGE D. BELDIN, OF MARENGO, ILLINOIS.

## CURRYCOMB.

SPECIFICATION forming part of Letters Patent No. 654,218, dated July 24, 1900.

Application filed April 21, 1900. Serial No. 13,680. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE D. BELDIN, a citizen of the United States, residing at Marengo, in the county of McHenry and State of Illinois, have invented certain new and useful Improvements in Cleaning Attachments for Currycombs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has relation to that class of currycombs in which are provided cleaning-plates having their edges beveled to facilitate the removal of the dirt and grease from the sides of the toothed plates by a scraping action. These scrapers or cleaning-plates had no further function than that of scraping the dirt and grease from the sides of the toothed plates of the comb, and when the hair became tangled in said plates it rendered the cleaning of the comb very difficult, for the reason that the hair could not be cut, and consequently remained an obstruction to the successful operation of the scrapers. It is the purpose of the invention to provide means whereby this tangled hair may be quickly removed by cutting and severing the hair, thereby enabling the hair to be removed at the same time and with equal facility as the dirt and grease.

The invention therefore consists in a plurality of knife-blades having cutting edges, by which means the tangled hair between the tooth-plates of the comb is cut and removed at the same time the dirt and grease are removed, thereby greatly facilitating the cleaning of the comb by removing the obstruction of the tangled hair to the action of the blades, as will be hereinafter described and claimed.

Figure 1 of the drawings is a perspective view of a currycomb embodying my invention; Fig. 2, a transverse section thereof; Fig. 3, a perspective view of the cleaning attachment; Fig. 4, a detail perspective view showing a modification in the form of a pair of the knife-blades.

In the accompanying drawings, A represents one of many forms of currycombs to which my invention may be applied, which comb is provided with the usual comb-plates

B, with toothed edges *a*. The comb has the usual handle C, with shank *b*, flattened at its outer extremity to facilitate securing it to the back of the comb. This comb is provided with a suitable frame, consisting in the present instance of the transverse braces D, with downwardly-extending arms *c*, and the central longitudinal brace E, having downwardly-extending arms *d*, the arms *c* and *d* being secured to the outer knife-blades F and to the end straps *e*, respectively, or, if preferred, the knife-blades and the end straps may be formed integral, as shown in Fig. 3 of the drawings. A short rod *f*, which acts as a guide-rod, is interposed between the longitudinal brace E and the back of the currycomb, and around this rod is coiled a suitable spring *g*, said rod being suitably secured at its upper end to the longitudinal brace and its free or lower end extending through a hole in the flattened part of the shank *b*, a hole being also formed in the back of the comb to allow free movement thereof when cleaning the comb.

I do not wish to limit myself to the frame of the construction above described, as any suitable frame of whatever construction may be substituted therefor without affecting the essential feature of the invention, which consists in the knife-blades F G, with the cutting edges *h*. I wish it further understood that in using the terms "comb" or "toothed plate" it is intended to cover any of the usual forms of teeth of whatever construction that would be adapted for use in a currycomb. These knife-blades are suitably connected to the frame hereinbefore described and disposed parallel with each other, said blades being of any suitable form and construction and preferably formed in pairs to present troughs *i* to catch the dirt or of the form shown in Fig. 4 of the drawings.

In contradistinction to the ordinary beveled-edge scrapers heretofore employed in currycombs the knives are actual cutters, having a sharp cutting edge, and their main purpose is to cut and sever the tangled hair which is held between the toothed plates of the comb. The employment of the knife-blades with the sharp cutting edges enables this tangled hair caught between the toothed plates to be cut and liberated, thereby enabling the knife-



blades to freely act as scrapers in removing the dirt and grease and the short hairs. The knife-blades, as will be seen, perform the double function of cutters and also scrapers, and therefore are unlike the ordinary beveled-edge scrapers, which have no cutting action on the hair, but simply remove the dirt and grease that adhere to the sides of the toothed plates of the comb by a scraping action.

10 Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A currycomb provided with a plurality of knife-blades having sharp cutting edges 15 to cut and liberate the tangled hair from between the toothed plates, said plates being relatively movable thereto, substantially as and for the purpose set forth.

2. A currycomb having a plurality of toothed 20 plates and a plurality of parallel knife-blades

having sharp cutting edges to cut and release the tangled hair from between the toothed plates, said plates being movable with relation to the blades, substantially as and for the purpose specified.

3. A currycomb provided with a suitable frame, a plurality of knife-blades connected thereto, suitable toothed plates movable relative to the knife-blades and a suitable spring located between the frame and back of the comb, substantially as and for the purpose 25 described. 30

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE D. BELDIN.

Witnesses:

J. M. EBY,

WALTER S. ESHBAUGH.